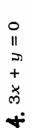
8.1 Solving Systems Graphically

Draw your final graphs on this piece of paper, show all other work on a separate piece.







-2x + 3y =

3. y = 2x + 1

What Pid the Teacher Po With Ogar's Cheese Report?



answer. When you finish, the remaining letters will tell you the answer to the title question.

 $\frac{1}{3}x + 2$

y II

[$y = \frac{3}{2}x - 1$

П 'n 'n

I $-\frac{4}{3}x$ y

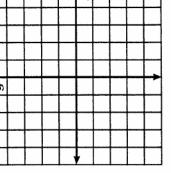
11

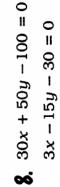
Solve each system of equations by graphing. Cross out the letters above each correct answer. When you finish, the remaining letters will tell you the answer to the title questi

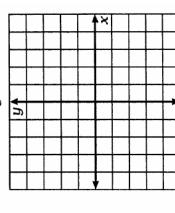


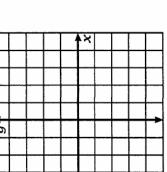


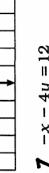
_						
ĥ					_	
		Į,	-			

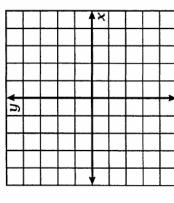


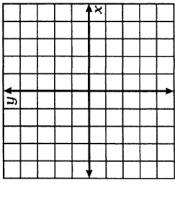




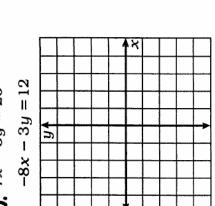








					Ш
'n					
			,		



ম		T						-	×	<u> </u>	
				_	7						
				= 20	3y = 12						
				- 5y	1	Jy					
	\exists	_		6. 7 <i>x</i>	-8x						
		_		ဖ				,	_	 	

				-		U	_				i '
~						_		_			
12	_	_				-		-			
11											
3y = 12	_										
က	'n									_	
1			_	_		-		-	-	-	
×	Н					Ш			_		
– 8x –											
ı											
							_				
									L		l
					-	X					1
	_		_		_			_		_	
			1				ı		1	I	i

L				,		 <u></u>
Γ			4	×		
F						
F						
1.1	9.1					-,
H	-			,		_

		4	X			
			_			
					_	
•						_
<u>y</u>	 _				_	
	 			-		-
		,	,			

Ě	(5,
ES	(-4, -1)
HE	(4,3)
_	1)

<u>(E</u> က် ျ

-4,0)

 $\widehat{\mathsf{T}}$

9

F

ကို

<u>-</u>2

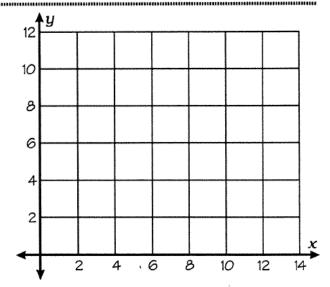
Solving Problems With Graphs

Solve each problem by writing and graphing a system of equations that models the situation.

Situation 1. ROCKET RIDE.

The Rocket Coaster has 10 cars, some that hold 4 people and some that hold 8 people. There is room for 56 people altogether. How many 4-passenger cars are there? How many 8-passenger cars are there?

Solution:_____



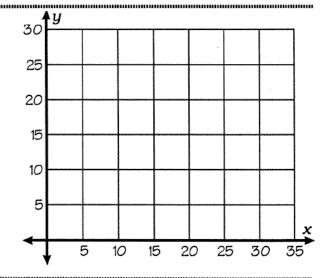
Situation 2. FUN, FUN, FUN.

The cost of admission to Funland Park was \$70 for a group of 2 adults and 5 children. The admission was \$84 for another group of 4 adults and 3 children. Find the admission price for each adult and each child.

Let x =price of an adult's admission Let y =price of a child's admission

equation #1:_____equation #2:_____

Solution:___



Situation 3. HOW ABOUT A KISS?

The number of calories in a chocolate kiss is 20 less than the number of calories in a caramel cluster. Three kisses plus four clusters together have 360 calories. How many calories are in each?

Let x = calories in a chocolate kiss Let y = calories in a caramel cluster

equation #1:_____

equation #2:_____

Solution:_____

